

Sub A > ABSTRACT OF THE DISCLOSURE

A transmission apparatus includes a multiplexing and demultiplexing section which carries out a multiplexing and a demultiplexing, and
5 an order wire section which converts received order wire signals demultiplexed by the multiplexing and demultiplexing section into analog signals, and converts transmitting order wire signals into digital signals which are input to the multiplexing
10 and demultiplexing section. The order wire section includes a codec section carrying out analog or digital conversion with respect to order wire signals, a branching and combining section branching and combining analog order wire signals, a 2-wire/4-
15 wire converter which is capable of coupling to a telephone set, and a monitoring processor which includes a storage section storing transmitting and received data, and an order wire monitoring controller. The order wire monitoring controller
20 controls transmission of test data stored in the storage section to an order wire line, controls storage of test data received via the order wire line to the storage section, and controls transmission and reception of one of the received
25 test data, analyzed data of the received test data, and judgement data indicative of a judgement result of a comparison of the analyzed data and threshold values.

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